

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112219\  
Data File : VX013522.D  
Acq On : 22 Nov 2019 10:45  
Operator : JC/SP  
Sample : VX1122WBL01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1122WBL01

## Integration Parameters: RTEINT3.P

Integrator: RTE  
Smoothing : OFF  
Sampling : 1  
Start Thrs: 0.2  
Stop Thrs : 0

Filtering: 5  
Min Area: 0 % of largest Peak  
Max Peaks: 100  
Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\624X111119W.M  
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 1.631       | 106           | 122         | 125          | rBV      | 88757          | 364327        | 21.65%          | 5.206%        |
| 2         | 2.996       | 340           | 346         | 352          | rBV2     | 15424          | 32176         | 1.91%           | 0.460%        |
| 3         | 4.996       | 663           | 674         | 688          | rBV      | 215017         | 645488        | 38.36%          | 9.224%        |
| 4         | 6.045       | 834           | 846         | 859          | rBV      | 234385         | 598263        | 35.55%          | 8.549%        |
| 5         | 6.843       | 968           | 977         | 989          | rBV      | 536344         | 1233298       | 73.29%          | 17.623%       |
| 6         | 8.709       | 1273          | 1283        | 1293         | rBV      | 1063524        | 1682680       | 100.00%         | 24.045%       |
| 7         | 10.105      | 1505          | 1512        | 1518         | rBV      | 1013576        | 1369569       | 81.39%          | 19.571%       |
| 8         | 11.135      | 1676          | 1681        | 1691         | rVB      | 828548         | 1072246       | 63.72%          | 15.322%       |

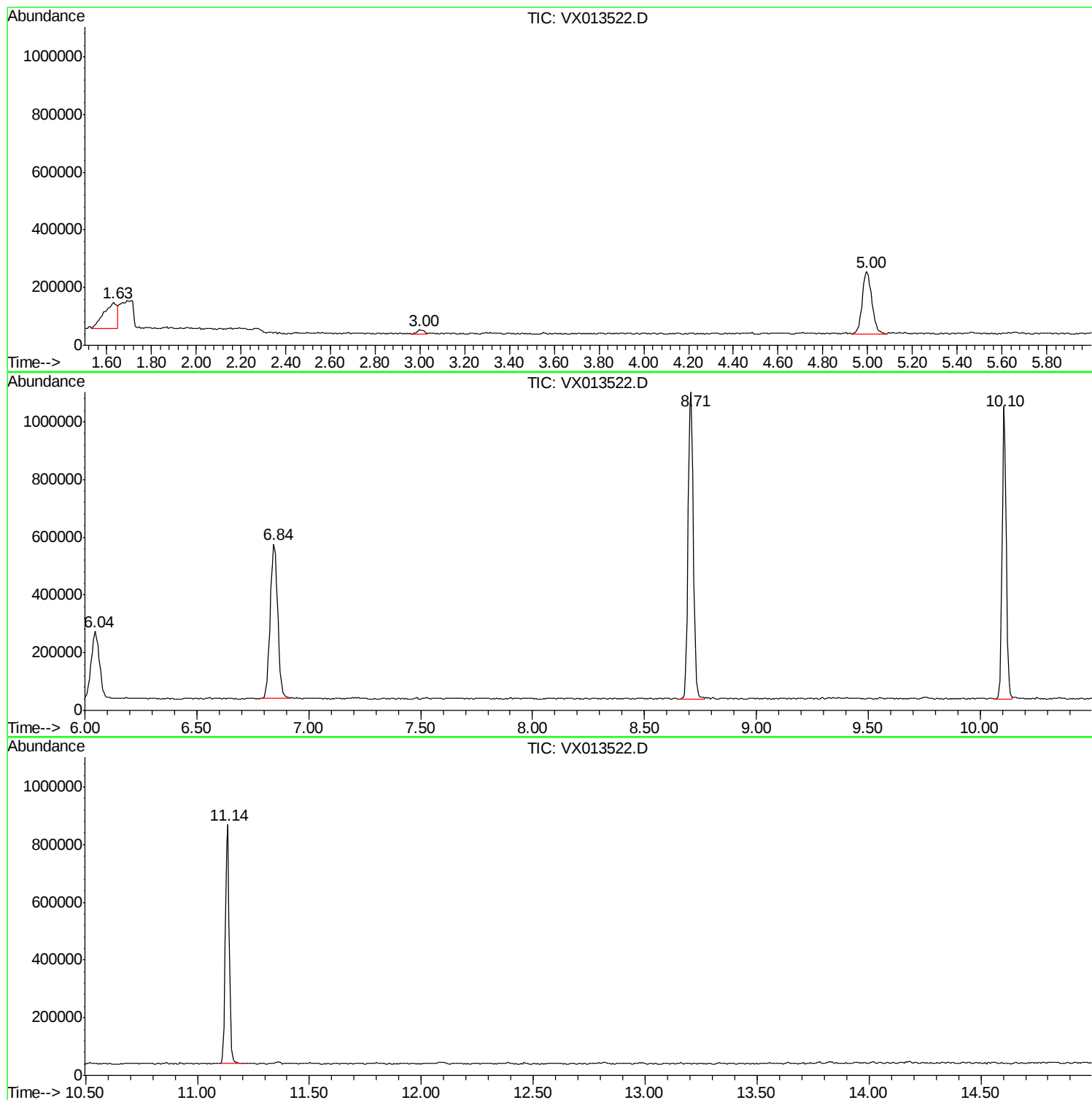
Sum of corrected areas: 6998047

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112219\  
Data File : VX013522.D  
Acq On : 22 Nov 2019 10:45  
Operator : JC/SP  
Sample : VX1122WBL01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1122WBL01

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112219\  
Data File : VX013522.D  
Acq On : 22 Nov 2019 10:45  
Operator : JC/SP  
Sample : VX1122WBL01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1122WBL01

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

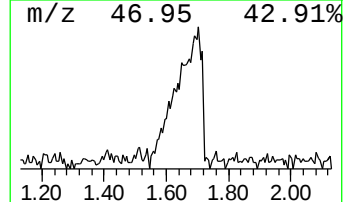
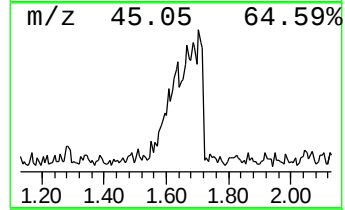
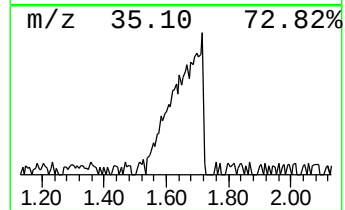
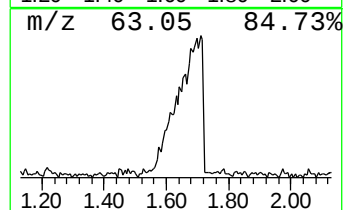
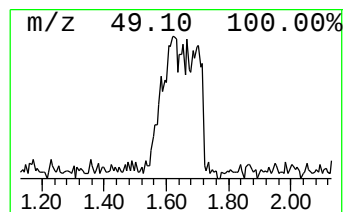
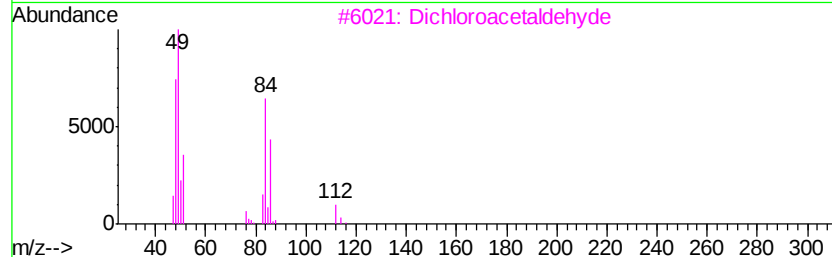
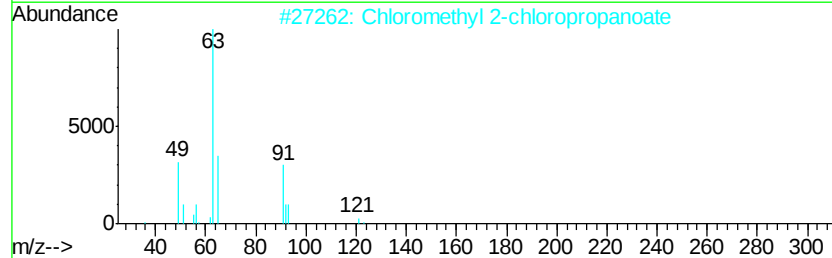
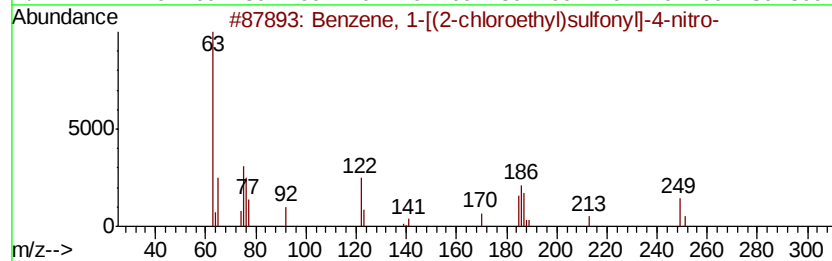
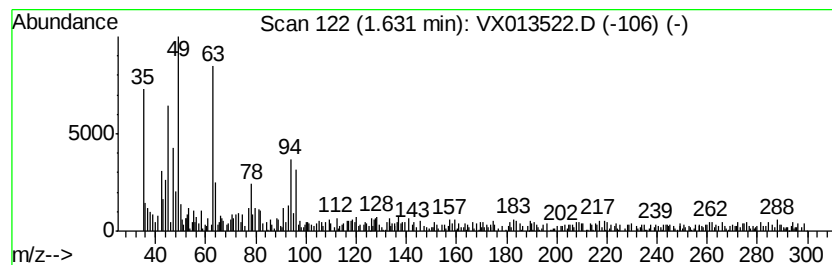
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 Benzene, 1-[(2-chloroethyl)... Concentration Rank 1

| R.T. | EstConc    | Area   | Relative to ISTD   | R.T. |
|------|------------|--------|--------------------|------|
| 1.63 | 16.93 ug/l | 364327 | Bromochloromethane | 5.00 |

| Hit# of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|---------|---|-------------------------------------|-----|------------|-------------|------|
| 1       |   | Benzene, 1-[(2-chloroethyl)sulfo... | 249 | C8H8ClN04S | 006461-63-8 | 56   |
| 2       |   | Chloromethyl 2-chloropropanoate     | 156 | C4H6Cl2O2  | 013398-02-2 | 38   |
| 3       |   | Dichloroacetaldehyde                | 112 | C2H2Cl2O   | 000079-02-7 | 27   |
| 4       |   | Bis(.beta.-chloroethyl) sulfoxide   | 174 | C4H8Cl2OS  | 005819-08-9 | 22   |
| 5       |   | (S)-(-)-2-Chloropropionic acid      | 108 | C3H5ClO2   | 029617-66-1 | 22   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_X\DATA\VX112219\  
Data File : VX013522.D  
Acq On : 22 Nov 2019 10:45  
Operator : JC/SP  
Sample : VX1122WBL01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1122WBL01

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\624X111119W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| Benzene, 1-[(2-ch... | 1.63 | 16.9    | ug/l  | 364327   | 1                     | 5.00 | 645488 | 30.0 |